

**UNCLASSIFIED**

<b>ARMY RDT&amp;E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)</b>								DATE <b>February 1999</b>		
<b>BUDGET ACTIVITY</b> <b>4 - Demonstration and Validation</b>				<b>PE NUMBER AND TITLE</b> <b>0603645A Armored Systems Modernization - Advanced Development</b>				<b>PROJECT</b> <b>D018</b>		
<i>COST (In Thousands)</i>	FY1998 Actual	FY 1999 Estimate	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY2004 Estimate	FY2005 Estimate	Cost to Complete	Total Cost
D018 Future Scout Vehicle (FSV) - Advanced Development	1130	0	0	0	0	0	0	0	0	1130
<p><b>A. <u>Mission Description and Budget Item Justification:</u></b> Project D018, Future Scout Vehicle, funded a portion of the Future Scout and Cavalry System (FSCS) advanced technology demonstration. The majority of the program funding is in PE 0603005A, Project D440, which has a more detailed program description. FSCS will provide Division and below reconnaissance elements a platform with significant improvements in vehicle mobility, survivability, lethality, target acquisition and communication capabilities through integration of advanced technologies.</p> <p><b>FY 1998 Accomplishments:</b></p> <ul style="list-style-type: none"> <li>• 1130 Initiated Project Management (PM); Integrated Product Team Studies, In-house Concept Design Work for AOA</li> </ul> <p>Total 1130</p> <p><b>FY 1999 Planned Program:</b> Project not funded in FY 1999</p> <p><b>FY 2000 Planned Program:</b> Project not funded in FY 2000</p> <p><b>FY 2001 Planned Program:</b> Project not funded in FY 2001</p>										
<b>B. Program Change Summary</b>										
	<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>						
Previous President's Budget (FY 1999 PB)	1945	0	5274	31439						
Appropriated Value	2007	0								
Adjustments to Appropriated Value										
a. Congressional General Reductions	-62									
b. SBIR/STTR	-49									
c. Omnibus or Other Above Threshold Reductions	-16									
d. Below Threshold Reprogramming	-750									
e. Rescissions										
Adjustments to Budget Years Since FY 1999 PB			0	-5274	-31439					
Current Budget Submit (FY 2000 / 2001 PB)	1130	0	0	0						

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Change Summary Explanation: FY 1998 reprogrammed to higher priority requirements (-750).  
FY 2000/2001 funds realigned to establish FSCS ATD.

<b>C. <u>Other Program Funding Summary</u></b>	<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	To Complete	Total Cost
PE 604645A, D022 - Future Scout Vehicle				3907	53392	122956	120800	162400	Continuing	Continuing
PE 603005A, D440 – Advanced Combat Vehicle Technology	2371	24283	55470	65487	10897	0				157309

**D. Acquisition Strategy: Plans** call for the competitive award of contracts to two US/UK consortia who will be given responsibility for development of an FSCS design concept and fabrication of a demonstration vehicle. Extensive modeling and simulation will be used to meet, verify, validate and finalize system requirements, and establish a design definition baseline. The baseline will support follow-on Engineering and Manufacturing Development (EMD). During the building of the Program Objective Memorandum, this project was restructured, transferring funds to support the FSCS Advanced Technology Demonstration (PE 0603005A) and to fund FSCS EMD (PE 0604645A).

<b>E. <u>Schedule Profile</u></b>	<u>FY 1997</u>	<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2004</u>	<u>FY 2005</u>
Release solicitation for First Phase of Fast Track Acquisition		4Q								